

ABSTRACT

A clamp includes a clamp body having a spring arm with first and second ends and a deflection arm with first and second ends. The deflection arm is connected at its first end to the spring arm proximate the first end thereof, and the second end of the deflection arm is opposed spatially to a protrusion extending from the spring arm proximate the second end thereof. An actuating device engaged with the deflection arm and the protrusion can be manipulated to effect relative movement of the second end of the deflection arm away from the protrusion to cause a corresponding circumferential contraction of the spring arm. The actuating device includes a force-limiting mechanism, which limits the extent by which the second end of the deflection arm is moved away from the protrusion, thereby limiting the maximum circumferential contraction of the spring arm that can be achieved. A syringe pump assembly includes a syringe pump with a mechanized syringe and a clamp, as describe above, attached to the syringe to prevent vibration-induced rotation of the syringe.